



**MEETING SUMMARY  
WATER RESOURCES ADVISORY COMMISSION (WRAC)  
LOWER WEST COAST WATER SUPPLY PLAN (LWCWSP)  
ISSUES WORKSHOP**

**South Florida Water Management District  
Location: Max A. Hasse Jr. Community Park  
3390 Golden Gate Blvd. W., Meeting Room A, Naples, FL 34120  
Monday, February 28, 2005 - 10:00 a.m. – 1:00 p.m.**

**Attendees:**

**WRAC Members:**

Wayne Daltry

Beverly Grady

Howard Wegis

**Interested Parties:**

Mark Abbott

Ron Hamel

Martha Musgrove

Roy Anderson

James Hirsh

Jennifer Nelson

Karen Bickford

Freddie Janes

John Podczerwinsky

Larry Bishop

Paul Kava

Azad Shah

Max Bixler

Johanna Lundgreen

Eric Staats

Dennis Cafaro

Ray March

Daryl Thomas

Catherine Corbett

Kirk Martin

Howard Wegis

Jim Delony

Paul Mattausch

Bruce Weinstein

Ed de la Parte

Joyce Mazourek

Stan Weiner

Ed Hanlon

Callie McMunigal

**SFWMD Staff:**

Mike Duever

Beth Ross

Janet Starnes

Jeff Giddings

John Mulliken

Clarence Tears

Linda Hoppes

Rick Smith

Joel Van Arman

1. Welcome by John Mulliken, Division Director, Planning and Resource Evaluation, Water Supply Department, SFWMD. Meeting called to order at 10:15 a.m.

This is the fourth workshop to update the current Water Supply Plan.

*Section 120.525, Florida Statutes, allows the District to change the published agenda for good cause shown. Based upon that authority, the Lower West Coast Water Supply Plan, WRAC, staff determined that good cause existed to make changes.*

Changes to the agenda were announced by Mr. Mulliken.

2. LWC Plan Update Status, by Linda Hoppes, LWC Plan Project Manager, Water Supply.

Ms. Hoppes reviewed the process and the dates for all future meetings.

3. Mid Hawthorn-Floridan Hydrologic Modeling Assumptions, by Jeff Giddings, Sr. Supervising Hydrogeologist, Water Supply. *(A copy of this presentation is made a part of the official record of this meeting)*

Mr. Giddings presented information on the assumptions that go into the Mid Hawthorn-Floridan Hydrologic modeling. The current status of the model was provided.

Public water supply assumptions, including technical data was reviewed for the 2000 and 2025 base case assumptions. Question on production wells was asked and answered. Full demand being captured by Collier County was of concern to this stakeholder. Mr. Mulliken said a full review will be done by Carl Woehlcke, Lead Economist, Planning and Development, SFWMD, and other staff. Ms. Hoppes provided further information.

Presentation continued with information on agricultural and landscape irrigation assumptions. Request made from a stakeholder to have maps made available to interested parties. Mr. Mulliken and Ms. Hoppes provided information. The maps are available on the SFWMD web site.

Aquifer storage and recovery assumptions were presented, as well as domestic irrigation and self-supplied assumptions.

Potential issues to be addressed in the Mid-Hawthorn and Floridan Aquifer System Modeling were discussed. Any additional information needs to be provided to SFWMD staff as soon as possible.

Question and Discussion Session:

Concerns on aquifer storage and recovery; million galleons daily (mgd); and other issues were expressed by a representative of Collier County. The appropriate communication is important. Carl Woehlcke, SFWMD, 561-682-6659 is the contact for additional information. Jeff Giddings also requested to be sent information. Mr. Mulliken said all the issues will be worked out.

Lee County representative discussed groundwater assessment and domestic wells. Permitting issues; private landowners; social structures; and other topics were discussed.

Water table in the aquifer and the effect and impacts of CERP in the area was discussed. Mr. Giddings and Mr. Mulliken provided information on the CERP projects.

The data (numbers) provided are all raw numbers. Well sites that are permitted were the ones used in their modeling. There are new sites out there and the representative of Collier County will get with Mr. Giddings and provide the location of the new sites and other additional information.

Other areas in the southwest will have data included when the information is available.

Demand size was questioned by a stakeholder and then explained by Jim Jackson. The M&I Report by Coastal Engineering, and the Southwest Florida Feasibility Study were discussed. Conservation is very important and all the utility companies in the southwest area have taken into account all the suggestions in the Feasibility Study. A request to look carefully at the historical data was made by stakeholders.

Lee County representative asked questions on the modeling and the benefits. Mr. Mulliken provided information on the use of the data in the model.

Groundwater quality data was discussed.

The Collier County Engineering Director asked for information on conservation programs and Mr. Mulliken provided information on the Memorandum of Agreement between the SFWMD and FDEP.

4. Florida Water and Environmental Protection Rules, Beth Ross, Sr. Specialist Attorney, Office of Council, SFWMD, (A copy of this presentation is made a part of the official record of this meeting)

Ms. Ross presented information on the Florida Water Law and Environmental Protection Rules. Water allocation is based on the "Common Law Past". Background information on this law was provided.

Other issues presented were the Model Water Code; Florida Water Resources Act Chapter 373, Florida Statutes; Consumptive Use Permitting Program; Rainfall; Certainty of Supply; Reasonable – Beneficial Use – Discussion Public Water Supply (PWS) Example; "Reasonable – Beneficial Use – Irrigation Example; Discussion Points – Beneficial Use; "Reasonable – Beneficial Use" – Criteria – Impact Analysis; Additional Components of Chapter 373, F.S. concerning water supply; Resource Protection Tools; Conceptual Relationship Among the Harm, Serious Harm and Significant Harm Standards; Review of "Harm" Standards; and Additional Components of Chapter 373, F.S., concerning water supply.

#### Question and Discussion Session:

Lee County representative spoke of F.S. 373 and F.S. 403 and the trouble reconciling the two statutes. The Plan is for "no harm" to the environment.

Discussion on “reservations” of water was held. The 1972 Statute was brought up by a stakeholder and Ms. Ross provided further information. Wayne Daltry (WRAC member and Lee County representative) provided additional information.

Enforcement rules concerning water restrictions was discussed. Local water restrictions during a time of drought is a local police enforcement job.

Question asked and answered on water rights on land purchased by utility companies using public funds. Water rights do not blend with a property. Wayne Daltry and Edward de la Parte provided additional information. Conservation lands to be used as a water supply was discussed.

5. Performance Measure Concepts, Jim Jackson, Sr. Supervising Planner, Water Supply Department, SFWMD. *(A copy of his presentation is made a part of the official record of this meeting.)*

Mr. Jackson presented information on this item. Map indicating the Lower West Coast generalized cross-section was shown. Examples of the performance measures were given.

Consumptive Use Permitting (CUP) Criteria Based Performance Measures were presented. The lack of current local data limits development of some performance measures. Information on Environment Performance Measures was provided.

#### Question and Discussion Session:

A list of Performance Measures is still being developed. If any stakeholder wants to propose new performance measures they should get in touch with Linda Hoppes. Mr. Mulliken suggested that Mike Duever, Sr. Environmental Scientist, Lower West Coast Regional Service Center, SFWMD, be contacted on performance measures. Mr. Giddings provided technical information.

6. Development of Indicator Regions for Performance Measure Evaluation in Southwest Florida, by Mike Duever, Sr. Environmental Scientist, Lower West Coast (LWC) Regional Service Center . *(A copy of his presentation is made a part of the official record of this meeting.)*

Mr. Duever presented information regarding redevelopment vegetation in the area, along with several maps on the regions in order to determine changes in the area.

7. Break. Mr. Mulliken announced that no break would be taken at this time.

8. Performance Measure Viewer, Kevin Rodberg, Section Manager Model Processing, Water Supply, SFWMD. *(A copy of his presentation is made a part of the official record of this meeting.)*

Mr. Rodberg presented information regarding the data driven web application for access and review of modeling performance measures. This is a web site to review model results.

Information was presented on performance measure graphics; a line graph on Generic Site – For Presentation Purposes; bar graph on Simulated Average Annual Water Budget Summary; bar graph showing Percent of Demand Not Met by Use Type (period of record); information on the Performance Measure Viewer Features; Dynamic Content; and File Download.

#### Question and Discussion Session:

Question asked by stakeholder on providing information with different scenarios. Mr. Mulliken said that any specific requests should be sent to Kevin Rodberg.

Mr. Rodberg provided the website for further Information that is available to the public.

#### Return to Presentation:

Mr. Rodberg continued with an animated slide on groundwater heads for the Lower West Coast Floridan Model. There will ultimately be 10 year runs.

#### 9. Follow-up and Schedule for Next Workshop, Linda Hoppes.

Ms. Hoppes provided information on the goals and objectives. A handout entitled "Discussion DRAFT 2" (*made a part of the official record of this meeting*) was discussed. Mr. Mulliken asked that final comments be submitted to Ms. Hoppes as soon as possible.

The website at SFWMD will have all the updated information.

The next meeting is tentatively scheduled for April 21, 2005 at the SFWMD Fort Myers Service Center. Meeting will begin at 10:00 a.m.

A stakeholder commented on the time and requested the meeting be re-scheduled to 10:30 a.m. Ms. Hoppes will try to work this out for him.

A representative of Lee County spoke on demand projections and Ms. Hoppes provided information. Mr. Mulliken said this will be discussed at the next meeting.

10. Mr. Mulliken adjourned the meeting at 12:30 p.m.

Recorded By:

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Paula Moree  
Staff Business Operations Analyst  
Governing Board and Executive Services  
SFWMD

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